AMENDMENTS IN THE SPECIFICATION

Please amend insert the following beneath immediately beneath the Title in the present application

RELATED APPLICATION

This application claims priority to International Application Number PCT/IL2003/000599 filed on July 22, 2003, which claims priority to U.S. Provisional Patent Application Serial No. 60/397,042, the contents of which are incorporated herein by reference.

Please amend paragraph [0051] of the Specification as shown below.

Due to the high pressure in tubing 16 a change of pressure at the entrance to tubing 16 immediately results in a corresponding change of the input pressure to Venturi device 20, unlike the prior art CPAP apparatus where the much lower pressure inside the wide-bore tubing requires a longer time for equalizing the pressure along the tubing. This allows for a simple real-time regulation of the airflow provided to the user by controlling the input pressure at the entrance to tubing 16. Regulation of the airflow in accordance with the user needs can be thus obtained by installing at least one sensor ~~(not shown)~~ 19, for monitoring user breathing and connecting the sensor to a controller which controls the input pressure to tubing 16. The sensor may be any sensor known in the art ~~sensors~~ for monitoring a breathing cycle. For example, ~~a~~ sensor 19 may be incorporated in the user interface unit for monitoring changes induced by inhalation or exhalation. ~~Such a sensor~~ Sensor 19 may be a sound transducer for detecting breathing sounds, a sensitive pressure detector monitoring the drop of pressure at the commence of inhalation phases and increase of pressure at the commence exhalation phase by means of a sensitive diaphragm and the like, or a sensitive temperature for detecting temperature variation such as temperature increase at the nasal orifice during exhalation.

Alternatively, the sensor may be a pneumatic or mechanical breathing belt attached to the user's chest for detecting expansion and contraction of the chest.